

What is claimed is:

1. A lock type manually tightened chuck, comprising:
a chuck body with a front side and a back side;
5 a front cover, being fixed to the front side of the
chuck; and
a driving nut, being fixed to a middle part of the chuck;
characterized in that the manually tightened chuck
10 further comprises an inner cover, a plurality of thin pillar,
which is fixedly attached to the inner cover circumferentially, a
plurality of elastic pallets, being corresponding to the thin
pillars and each of the elastic pallets at one end thereof
connecting with a corresponding one of the thin pillars fixedly
15 and another end of said elastic pallet being a stick-up; the
inner cover is fixedly attached to the driving nut; the front
cover at an inner wall thereof is provided with a plurality of
recesses and each of the recesses having two opposite lateral
walls; the inner walls of the thin pillars contact with one of
20 the lateral walls of the recesses respectively and the other
lateral walls of the recesses are disposed at the stick-ups of
the pallets to lean against each other; and a set of ratchets are
circumferentially provided on the chuck body evenly corresponding
to the pallets.

25 2. The lock type manually tightened chuck according to
claim 1, wherein at least two of the thin pillars are disposed to
distribute evenly around the chuck body and each of the thin
pillars is fixed with one of the elastic pallets.

3. The lock type manually tightened chuck according to claim 1, wherein the lateral wall of each of the recesses disposed at the stick-ups of the pallets has a circular surface at a front half section thereof.

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